

## LISTING OF CLAIMS

1(currently amended). A sealing device comprising an injection molded and non-symmetrical tub having a plurality of fastening features that engage at least two members to be sealed wherein at least one heat expandable material is located about a periphery of the tub.

2(currently amended). An automotive floor pan extension comprising an injection molded component having [at least one] a plurality of integrally molded [locking] retaining features comprising locking tabs and protuberances and wherein at least one heat expandable sealant contacts at least a portion of the injection molded component and wherein said extension contacts the floor pan and at least one adjacent automotive component selected from the group consisting of structural and architectural members.

3(currently amended) A sealed region comprising at least three adjacent metallic automotive members at least partially in contact with a cavity sealer having at least one recess, wherein said cavity sealer comprises an injection molded component having a plurality of locking features, and wherein at least one heat activated sealant [that] is located about a periphery of the cavity sealer and wherein a portion of said sealant contacts all of said at least three metallic automotive members.

4(previously presented). The sealing device of Claim 1 wherein said fastening feature comprises at least one weldable metal.

5(previously presented). The sealing device of Claim 1 wherein said fastening feature comprises at least one self-locking tab.

6(previously presented). The automotive floor pan extension of Claim 2 wherein said members comprises at least one member body sheet metal, frame rails, floor pan flanges, D-pillar inner members, rear sills and wheel housings.

7(previously presented). The sealed region of Claim 3 wherein one of said at least three adjacent metallic automotive members comprises a floor pan.

8(previously presented). The sealing device of Claim 1 wherein said tub comprises polyethylene terephthalate.

9(original). The automotive floor pan extension of Claim 2 wherein the injection molded component comprises a fiber reinforced thermoset composite.

10(previously presented). The sealed region of Claim 3 wherein said injection molded component comprises injection moldable polypropylene.

11(original). The sealed region of Claim 3 wherein said at least one locking feature engages opening defined in at least one of said at least three metallic automotive members.

12(currently amended). A seal for at least two adjacent automotive components comprising an automotive floor pan and at least one member selected from the group consisting of metallic structural and architectural members, comprising:

a thermoplastic member defining at least one cavity and having a heat expandable sealant located about a periphery of the thermoplastic member and [between] in contact with the thermoplastic member and the components, and

a plurality of retaining features that engage a plurality of openings defined in at least one of the components.

13(previously presented). The seal of Claim 12 further comprises at least one weldable insert.

14(previously presented). The seal of Claim 12 wherein said members comprise body sheet metal members.

15(previously presented). The seal of Claim 12 wherein said members comprise at least one member selected from the group consisting of frame rails, rear floor pan flange, D-pillar inners, rear sills and wheel housings.

16(previously presented). The seal of Claim 12 wherein said thermoplastic member comprises at least one member selected from the group consisting of polyester, polypropylene and polyethylene terephthalate.

17(previously presented). The seal of Claim 12 wherein said heat expandable sealant comprises ethyl vinyl acetate.

18(previously presented). The seal of Claim 12 wherein the compressible retaining feature comprises at least one locking tab.

19(previously presented). The seal of Claim 12 wherein said thermoplastic member has a non-symmetrical configuration.

20(previously presented). The seal of Claim 12 further defining at least one opening.

21(currently amended). A seal among at least three adjacent automotive components comprising an automotive floor pan and at least two members selected from the group consisting of frame rails, rear floor pan flange, D-pillar inners, rear sills and wheel housings, the seal comprising:

a thermoplastic member defining at least one cavity and having a heat expandable sealant located at least partially between and in contact with the thermoplastic member and the components, and

a plurality of retaining features that engage a plurality of openings defined in the components.

22(previously presented). The seal of Claim 21 wherein said thermoplastic member defines at least one opening.

23(previously presented). The seal of Claim 21 wherein the retaining features comprise locking tabs.

24(previously presented). The seal of Claim 21 wherein the thermoplastic member defines a channel for receiving the heat expandable sealant.

25(previously presented). The seal of Claim 24 wherein the channel and the heat expandable sealant extends around a periphery of the thermoplastic member.

26(previously presented). The seal of Claim 21 wherein the thermoplastic member comprises an injection moldable material.

27(previously presented). The seal of Claim 21 wherein the heat expandable sealant comprises an injection moldable material.

28(previously presented). The seal of Claim 21 wherein the thermoplastic member defines at least one opening.

29(previously presented). The seal of Claim 21 wherein the three adjacent automotive components comprise a sub-assembly.

30(new). A seal among an automotive floor pan and at least two adjacent automotive components selected from the group consisting of frame rails, rear floor pan flange, D-pillar inners, rear sills and wheel housings, the seal comprising:

a non-symmetrical thermoplastic member having a heat expandable sealant located around a periphery of the thermoplastic member wherein the sealant is in contact with the thermoplastic member, floor pan and said at least two adjacent automotive components, and

a plurality of locking features on the thermoplastic member that engage a plurality of openings defined in the floor pan and said at least two adjacent automotive components.